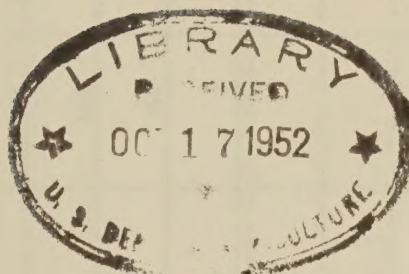


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POWER REQUIREMENT STUDY,
DAKOTAS ELECTRIC COOPERATIVE, INC.

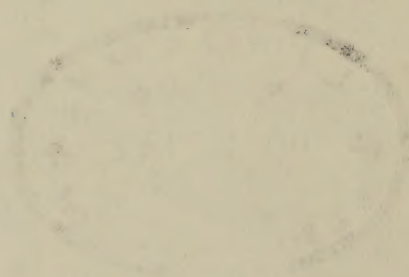
NORTH DAKOTA 40 BURLEIGH GT



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Prepared by
Program Analyst
Office of the Administrator
U.S. RURAL ELECTRIFICATION ADMINISTRATION

50 2
May 1952

POWER WORKINGMEN'S UNION
NATIONAL ELECTRIC COOPERATIVE, INC.
POWER UNION OF MICHIGAN



Approved by
General Secretary
Office of the International
Union of Electrical Workers

1938

830269

TABLE I

ESTIMATE OF LCADS - NORTH DAKOTA 25 MORTON

NORTH DAKOTA 40 BURLEIGH GT

| TYPE OF CONSUMER | NUMBER OF CONSUMERS | | | ANNUAL KWH REQUIREMENTS | | |
|-----------------------------|---------------------|-------|-------|-------------------------|------------|------------|
| | 1954 | 1957 | 1962 | 1954 | 1957 | 1962 |
| FARM | 2,760 | 2,900 | 2,969 | @2760 | @3480 | @4800 |
| NONFARM (RES.) | 420 | 420 | 420 | @2160 | @2880 | @3600 |
| SMALL COMMERCIAL | 180 | 180 | 180 | @3780 | @4620 | @6000 |
| INDIAN AGENCY | 1 | 1 | 1 | 610,000 | 666,000 | 772,000 |
| SUB-TOTAL | | | | 9,815,200 | 12,799,200 | 17,615,200 |
| PLUS DIST. LOSSES (APPROX.) | | | | @18% | @17% | @16% |
| TOTAL | 3,361 | 3,501 | 3,570 | 2,154,800 | 2,621,800 | 3,354,800 |
| | | | | 11,970,000 | 15,421,000 | 20,970,000 |

PROGRAM ANALYST, OFFICE OF THE
ADMINISTRATOR, REA - MAY 1952

TABLE II

ESTIMATE OF LOADS - NORTH DAKOTA 26 LA MOURE
(PARTIAL ONLY)

| NORTH DAKOTA 40 BURLEIGH GT | NUMBER OF CONSUMERS | | | ANNUAL KWH REQUIREMENTS | | |
|-----------------------------|---------------------|-------|-------|-------------------------|--------------------|--------------------|
| | 1954 | 1957 | 1962 | 1954 | 1957 | 1962 |
| TYPE OF CONSUMERS | | | | | | |
| FARM | 1,101 | 1,120 | 1,164 | @2880 3,170,880 | @3600 4,032,000 | @4800 5,587,200 |
| NONFARM (RES.) | 10 | 10 | 10 | @1440 14,400 | @1800 18,000 | @2400 24,000 |
| SMALL COMMERCIAL | 4 | 5 | 6 | @1680 6,720 | @2160 10,800 | @3000 18,000 |
| TOWN RESIDENTIAL | 60 | 65 | 70 | @1440 86,400 | @1800 117,000 | @2400 168,000 |
| STREET LIGHTING | 1 | 1 | 1 | 6,000 | 7,200 | 7,200 |
| SUB-TOTAL | | | | 3,284,400 | 4,185,000 | 5,804,400 |
| PLUS DIST. LOSSES (APPROX.) | | | | @18% 720,600 | @17% 857,000 | @16% 1,105,600 |
| TOTAL | 1,176 | 1,201 | 1,251 | 4,005,000 | 5,042,000 | 6,910,000 |

PROGRAM ANALYST, OFFICE OF THE
ADMINISTRATOR, REA - MAY 1952

TABLE III

ESTIMATE OF LOADS - NORTH DAKOTA 27 EMMONS

| NORTH DAKOTA 40 BURLEIGH GT | NUMBER OF CONSUMERS | | | ANNUAL KWH REQUIREMENTS | | |
|-----------------------------|---------------------|-------|-------|-------------------------|-------------------|--------------------|
| TYPE OF CONSUMER | 1954 | 1957 | 1962 | 1954 | 1957 | 1962 |
| FARM | 2,750 | 2,825 | 3,100 | 2400 6,600,000 | 3300 9,322,500 | 4800 14,880,000 |
| NONFARM (RES.) | 50 | 75 | 125 | 1200 60,000 | 1560 117,000 | 2280 285,000 |
| SMALL COMMERCIAL | 100 | 125 | 150 | 1620 162,000 | 2100 262,500 | 3000 450,000 |
| SUB-TOTAL | | | | 6,822,500 | 9,702,000 | 15,615,000 |
| PLUS DIST. LOSSES (APPROX.) | | | | 20% 1,705,500 | 19% 2,276,000 | 18% 3,428,000 |
| TOTAL | 2,900 | 3,025 | 3,375 | 8,528,000 | 11,978,000 | 19,043,000 |

PROGRAM ANALYST, OFFICE OF THE
ADMINISTRATOR, REA - MAY 1952

TABLE IV

ESTIMATE OF LOADS - NORTH DAKOTA 29 MCKENZIE
(PARTIAL ONLY)

| NORTH DAKOTA 40 BURLEIGH GT | NUMBER OF CONSUMERS | | | ANNUAL KWH REQUIREMENTS | | |
|-----------------------------|---------------------|------|------|-------------------------|-------------------|-------------------|
| | 1954 | 1957 | 1962 | 1954 | 1957 | 1962 |
| TYPE OF CONSUMER | | | | | | |
| FARM | 460 | 580 | 640 | 2280 1,048,800 | 2880 1,670,400 | 3600 2,304,000 |
| NONFARM (RES.) | 35 | 175 | 260 | 1020 35,700 | 1320 231,000 | 1800 468,000 |
| SMALL COMMERCIAL | 30 | 65 | 85 | 2940 88,200 | 3420 222,300 | 4200 357,000 |
| SUB-TOTAL | | | | 1,172,700 20% | 2,123,700 19% | 3,129,000 18% |
| PLUS DIST. LOSSES (APPROX.) | | | | 293,300 | 498,300 | 687,000 |
| TOTAL | 525 | 820 | 985 | 1,466,000 | 2,622,000 | 3,816,000 |

PROGRAM ANALYST, OFFICE OF THE
ADMINISTRATOR, REA - MAY 1952

TABLE V

ESTIMATE OF LOADS - NORTH DAKOTA 32 OLIVER

| NORTH DAKOTA 40 BURLEIGH GT | NUMBER OF CONSUMERS | | | ANNUAL KWH REQUIREMENTS | | |
|-----------------------------|---------------------|-------|-------|-------------------------|--------------------|--------------------|
| | 1954 | 1957 | 1962 | 1954 | 1957 | 1962 |
| TYPE OF CONSUMER | | | | | | |
| FARM | 1,216 | 1,226 | 1,296 | 3,000 @3000 | 4,413,600 @3600 | 5,442,200 @4200 |
| NONFARM (RES.) | 66 | 76 | 96 | 840 @55,440 | 82,080 @1080 | 155,520 @1620 |
| SMALL COMMERCIAL | 37 | 47 | 57 | 4080 @150,960 | 4560 @214,320 | 5400 @307,800 |
| TOWN RESIDENTIAL | 85 | 95 | 105 | 1680 @142,800 | 1920 @182,400 | 2400 @252,000 |
| SUB-TOTAL | | | | 3,997,200 @19% | 4,892,400 @18% | 6,158,520 @17% |
| PLUS DIST. LOSSES (APPROX.) | | | | 937,800 | 1,073,600 | 1,261,480 |
| TOTAL | 1,404 | 1,444 | 1,454 | 4,935,000 | 5,966,000 | 7,420,000 |

PROGRAM ANALYST, OFFICE OF THE
ADMINISTRATOR, REA - MAY 1952

TABLE VI

ESTIMATE OF LOADS - NORTH DAKOTA 33 STARK

| NORTH DAKOTA 40 BURLEIGH GT | | NUMBER OF CONSUMERS | | | ANNUAL KWH REQUIREMENTS | | |
|-----------------------------|-------|---------------------|-------|------------|-------------------------|--------|------------|
| TYPE OF CONSUMERS | 1954 | 1957 | 1962 | 1954 | 1957 | 1962 | |
| FARM | 1,840 | 1,900 | 2,000 | 3120 | 3720 | 4800 | 9,600,000 |
| NONFARM (RES.) | 150 | 155 | 160 | 1380 | 1680 | 2160 | 345,600 |
| SMALL COMMERCIAL | 150 | 160 | 170 | 2940 | 3420 | 4200 | 714,000 |
| LARGE COMMERCIAL | 3 | 4 | 4 | 60,000 | 66,000 | 72,000 | 288,000 |
| STREET LIGHTING | 5 | 5 | 5 | 4200 | 4500 | 4800 | 24,000 |
| LEHIGH BRIQUETTING PLANT | 1 | 1 | 1 | 2,400,000 | 2,400,000 | | 2,400,000 |
| OTHER REA | 1 | 1 | 1 | 12,000 | 12,000 | | 12,000 |
| SUB-TOTAL | | | | 9,001,800 | 10,574,100 | | 13,383,600 |
| PLUS DIST. LOSSES (APPROX.) | | | | 18% | 17% | 16% | 2,549,400 |
| TOTAL | 2,150 | 2,226 | 2,341 | 10,978,000 | 12,740,000 | | 15,933,000 |

PROGRAM ANALYST, OFFICE OF THE
ADMINISTRATOR, REA - MAY 1952

TABLE VII

ESTIMATE OF LOADS - NORTH DAKOTA 34 SLOPE

| NORTH DAKOTA 40 BURLEIGH GT | NUMBER OF CONSUMERS | | | ANNUAL KWH REQUIREMENTS | | |
|-----------------------------|---------------------|-------|-------|-------------------------|-----------|------------|
| | 1954 | 1957 | 1962 | 1954 | 1957 | 1962 |
| TYPE OF CONSUMER | | | | | | |
| FARM | 1,994 | 2,050 | 2,100 | 2760 | 3480 | 4680 |
| | | | | 5,503,440 | 7,134,000 | 9,828,000 |
| NONFARM (RES.) | 140 | 150 | 160 | 600 | 900 | 1320 |
| | | | | 84,000 | 135,000 | 211,200 |
| SMALL COMMERCIAL | 30 | 40 | 50 | 4620 | 5160 | 6000 |
| | | | | 138,600 | 206,400 | 300,000 |
| TOWN RESIDENTIAL | 35 | 40 | 45 | 1680 | 1980 | 2520 |
| | | | | 58,800 | 79,200 | 113,400 |
| STREET LIGHTING | 1 | 1 | 1 | 3,600 | 3,600 | 3,600 |
| SUB-TOTAL | | | | 5,788,440 | 7,558,200 | 10,456,200 |
| | | | | 19% | 18% | 17% |
| PLUS DIST. LOSSES (APPROX.) | | | | 1,357,560 | 1,658,800 | 2,141,800 |
| TOTAL | 2,200 | 2,281 | 2,356 | 7,146,000 | 9,217,000 | 12,598,000 |

PROGRAM ANALYST, OFFICE OF THE
ADMINISTRATOR, REA - MAY 1952

TABLE VIII

ESTIMATE OF LOADS - NORTH DAKOTA 35 BURLEIGH
(PARTIAL ONLY)

| NORTH DAKOTA 40 BURLEIGH GT | TYPE OF CONSUMER | NUMBER OF CONSUMERS | | | ANNUAL KWH REQUIREMENTS | | |
|-----------------------------|------------------|---------------------|------|------|-------------------------|--------------------|--------------------|
| | | 1954 | 1957 | 1962 | 1954 | 1957 | 1962 |
| FARM | | 530 | 545 | 575 | @2940 1,558,200 | @3480 1,896,600 | @4380 2,518,500 |
| NONFARM (RES.) | | 125 | 150 | 200 | @1440 180,000 | @1800 270,000 | @2400 480,000 |
| SMALL COMMERCIAL | | 30 | 35 | 45 | @2520 75,600 | @3180 111,300 | @4200 189,000 |
| PUBLIC BUILDINGS | | 45 | 50 | 60 | @600 27,000 | @780 39,000 | @1020 61,200 |
| LARGE COMMERCIAL | | 6 | 9 | 11 | @6600 39,600 | @7800 70,200 | @10,500 115,500 |
| OCCIDENT DRYING PLANT | | 1 | 1 | 1 | 90,000 | 90,000 | 90,000 |
| TRAILER COURT | | 1 | 1 | 1 | 36,000 | 36,000 | 36,000 |
| SUB-TOTAL | | | | | 2,006,400 | 2,513,100 | 3,490,200 |
| PLUS DIST. LOSSES (APPROX.) | | | | | @20% 501,600 | @19% 589,900 | @18% 765,800 |
| TOTAL | | 738 | 791 | 893 | 2,508,000 | 3,103,000 | 4,256,000 |

PROGRAM ANALYST, OFFICE OF THE
ADMINISTRATOR, REA - MAY 1952

TABLE IX

ESTIMATE OF LOADS - SOUTH DAKOTA 21 BROWN
(PARTIAL ONLY)

| NORTH DAKOTA 40 BURLINGHAM | NUMBER OF CONSUMERS | | | ANNUAL KWH REQUIREMENTS | | |
|-----------------------------|---------------------|------|------|-------------------------|---------------------|---------------------|
| | 1954 | 1957 | 1962 | 1954 | 1957 | 1962 |
| TYPE OF CONSUMERS | | | | | | |
| FARM | 440 | 460 | 480 | \$3720 1,636,800 | \$4560 2,097,600 | \$6000 2,880,000 |
| NONFARM (RES.) | 175 | 185 | 195 | \$2100 367,500 | \$2520 466,200 | \$3300 643,500 |
| SMALL COMMERCIAL | 50 | 53 | 55 | \$3060 153,000 | \$3720 197,160 | \$4800 264,000 |
| STREET LIGHTING | 1 | 1 | 1 | 6,000 | 6,000 | 6,000 |
| SUB-TOTAL | | | | 2,163,300 \$18% | 2,766,960 \$17% | 3,793,500 \$16% |
| PLUS DIST. LOSSES (APPROX.) | | | | 474,700 | 567,040 | 722,500 |
| TOTAL | 666 | 699 | 731 | 2,638,000 | 3,334,000 | 4,516,000 |

PROGRAM ANALYST, OFFICE OF THE
ADMINISTRATOR, REA - MAY 1952

TABLE X

ESTIMATE OF LOADS - SOUTH DAKOTA 31 WALWORTH

| NORTH DAKOTA 40 BURLINGHAM GT | NUMBER OF CONSUMERS | | | ANNUAL KWH REQUIREMENTS | | |
|-------------------------------|---------------------|-------|-------|-------------------------|-------------------|-------------------|
| | 1954 | 1957 | 1962 | 1954 | 1957 | 1962 |
| TYPE OF CONSUMER | | | | | | |
| FARM | 1,483 | 1,583 | 1,683 | 2700 4,004,100 | 3300 5,223,900 | 3900 6,563,700 |
| NONFARM (RES.) | 60 | 70 | 80 | 840 50,420 | 1020 71,400 | 1200 96,000 |
| SMALL COMMERCIAL | 83 | 83 | 83 | 1620 124,460 | 2160 179,280 | 3000 249,000 |
| LARGE COMMERCIAL | 1 | 1 | 1 | 780,000 | 900,000 | 1,000,000 |
| STREET LIGHTING | 1 | 1 | 1 | 4,200 | 4,800 | 4,800 |
| SUB-TOTAL | | | | 4,973,160 | 6,379,380 | 7,913,500 |
| PLUS DIST. LOSSES (APPROX.) | | | | 22% 1,402,840 | 20% 1,594,620 | 18% 1,737,500 |
| TOTAL | 1,628 | 1,738 | 1,848 | 6,376,000 | 7,974,000 | 9,651,000 |

PROGRAM ANALYST, OFFICE OF THE
ADMINISTRATOR, REA - MAY 1952

TABLE XI

ESTIMATE OF LOADS - SOUTH DAKOTA 36 EDMONDS

| NORTH DAKOTA 40 BURLEIGH GT | TYPE OF CONSUMER | NUMBER OF CONSUMERS | | | ANNUAL KWH REQUIREMENTS | | |
|-----------------------------|-----------------------------|---------------------|-------|-------|-------------------------|--------------------|--------------------|
| | | 1954 | 1957 | 1962 | 1954 | 1957 | 1962 |
| | FARM | 1,980 | 2,000 | 2,000 | @1800 3,564,000 | @2520 5,040,000 | @3600 7,200,000 |
| | NONFARM (RES.) | 50 | 70 | 90 | @1080 54,000 | @1560 109,200 | @2100 189,000 |
| | SMALL COMMERCIAL | 130 | 140 | 150 | @1680 218,400 | @2160 302,400 | @3000 450,000 |
| | TOWN RESIDENTIAL | 55 | 65 | 75 | @1920 105,600 | @2280 148,200 | @2700 202,500 |
| | STREET LIGHTING | 1 | 1 | 1 | 7,800 | 7,800 | 7,800 |
| | SUB-TOTAL | | | | 3,949,800 | 5,607,600 | 8,049,300 |
| | PLUS DIST. LOSSES (APPROX.) | | | | @22% 1,114,200 | @20% 1,402,400 | @18% 1,766,700 |
| | TOTAL | 2,216 | 2,276 | 2,316 | 5,064,000 | 7,010,000 | 9,816,000 |

PROGRAM ANALYST, OFFICE OF THE
ADMINISTRATOR, REA - MAY 1952

TABLE XII

ESTIMATE OF LOADS - SOUTH DAKOTA 37 HUGHES

| NORTH DAKOTA 40 BURLEIGH GT | NUMBER OF CONSUMERS | | | ANNUAL KWH REQUIREMENTS | | |
|-----------------------------|---------------------|------|-------|-------------------------|--------------------|--------------------|
| TYPE OF CONSUMERS | 1954 | 1957 | 1962 | 1954 | 1957 | 1962 |
| FARM | 736 | 851 | 951 | 1,412,120 @1920 | 2,348,760 @2760 | 2,994,200 @4200 |
| NONFARM (RES.) | 6 | 6 | 16 | 8,640 @1440 | 10,800 @1800 | 38,400 @2400 |
| SMALL COMMERCIAL | 71 | 76 | 126 | 106,500 @1500 | 145,920 @1920 | 340,200 @2700 |
| TOWN RESIDENTIAL | 45 | 45 | 345 | 64,800 @1440 | 81,000 @1800 | 828,000 @2400 |
| STREET LIGHTING | 1 | 1 | 2 | 13,200 | 14,400 | 28,800 |
| SUB-TOTAL | | | | 1,606,260 @25% | 2,600,880 @20% | 5,229,600 @18% |
| PLUS DIST. LOSSES (APPROX.) | | | | 535,740 | 650,120 | 1,148,400 |
| TOTAL | 859 | 979 | 1,440 | 2,142,000 | 3,251,000 | 6,378,000 |

PROGRAM ANALYST, OFFICE OF THE
ADMINISTRATOR, REA - MAY 1952

TABLE XIII

ESTIMATE OF LOADS - SOUTH DAKOTA 38 DEWEY

| NORTH DAKOTA 40 BURLEIGH GT | TYPE OF CONSUMERS | NUMBER OF CONSUMERS | | | ANNUAL KWH REQUIREMENTS | | |
|-----------------------------|-----------------------------|---------------------|-------|-------|-------------------------|--------------------|--------------------|
| | | 1954 | 1957 | 1962 | 1954 | 1957 | 1962 |
| | FARM | 1,428 | 1,500 | 5,575 | @2100 2,998,800 | @2700 4,050,000 | @3600 5,670,000 |
| | NONFARM (RES.) | 475 | 575 | 600 | @1560 741,000 | @1920 1,104,000 | @2520 1,512,000 |
| | SMALL COMMERCIAL | 206 | 215 | 225 | @3360 692,160 | @3900 838,500 | @4800 1,080,000 |
| | STREET LIGHTING | 3 | 4 | 5 | @13,200 39,600 | @14,400 57,600 | @14,400 72,000 |
| | SUB-TOTAL | | | | 4,471,560 | 6,050,100 | 8,334,000 |
| | PLUS DIST. LOSSES (APPROX.) | | | | @22% 1,261,440 | @20% 1,512,900 | @18% 1,829,000 |
| | TOTAL | 2,112 | 2,294 | 2,405 | 5,733,000 | 7,563,000 | 10,163,000 |

PROGRAM ANALYST, OFFICE OF THE
ADMINISTRATOR, REA - MAY 1952

TABLE XIV

ESTIMATE OF LOADS - SOUTH DAKOTA 40 PERKINS

NORTH DAKOTA 40 BURLINGHAM

| TYPE OF CONSUMER | NUMBER OF CONSUMERS | | | ANNUAL KWH REQUIREMENTS | | |
|-----------------------------|---------------------|-------|-------|-------------------------|------------|------------|
| | 1954 | 1957 | 1962 | 1954 | 1957 | 1962 |
| FARM | 1,400 | 1,450 | 1,500 | \$3000 | \$3900 | \$5100 |
| NONFARM (RES.) | 60 | 70 | 80 | \$1200 | \$1560 | \$2400 |
| SMALL COMMERCIAL | 300 | 320 | 340 | \$3060 | \$3840 | \$5100 |
| TOWN RESIDENTIAL | 500 | 520 | 550 | \$1500 | \$1920 | \$2700 |
| STREET LIGHTING | 3 | 3 | 3 | \$45,600 | \$60,000 | \$72,000 |
| LARGE COMMERCIAL | 1 | 1 | 1 | \$300,000 | \$360,000 | \$480,000 |
| SUB-TOTAL | | | | 6,376,800 | 8,531,400 | 11,757,000 |
| PLUS DIST. LOSSES (APPROX.) | | | | \$25% | \$20% | \$18% |
| | | | | 2,125,200 | 2,132,600 | 2,581,000 |
| TOTAL | 2,264 | 2,364 | 2,474 | 8,502,000 | 10,664,000 | 14,338,000 |

PROGRAM ANALYST, OFFICE OF THE
ADMINISTRATOR, REA - MAY 1952

TABLE XV

ESTIMATE OF LOADS - SUMMARY OF POWER REQUIREMENTS

| NORTH DAKOTA 40 BURLEIGH GT | NUMBER OF CONSUMERS | | | | KW DEMAND | | | ANNUAL KWH REQUIREMENTS | | |
|-----------------------------|---------------------|--------|--------|--|-----------|--------|--------|-------------------------|-------------|-------------|
| | | | | | | | | | | |
| | 1954 | 1957 | 1962 | | 1954 | 1957 | 1962 | 1954 | 1957 | 1962 |
| SYSTEM AREAS | | | | | | | | | | |
| NORTH DAKOTA 25 MORTON | 3,361 | 3,501 | 3,570 | | 3,374 | 4,191 | 5,441 | 11,970,000 | 15,421,000 | 20,970,000 |
| NORTH DAKOTA 26 LA MOURE | 1,176 | 1,201 | 1,251 | | 1,129 | 1,370 | 1,793 | 4,005,000 | 5,042,000 | 6,910,000 |
| NORTH DAKOTA 27 EMMONS | 2,900 | 3,025 | 3,375 | | 2,404 | 3,256 | 4,941 | 8,528,000 | 11,978,000 | 19,043,000 |
| NORTH DAKOTA 29 MCKENZIE | 525 | 820 | 985 | | 413 | 713 | 990 | 1,466,000 | 2,622,000 | 3,816,000 |
| NORTH DAKOTA 32 OLIVER | 1,404 | 1,444 | 1,454 | | 1,391 | 1,622 | 1,925 | 4,935,000 | 5,966,000 | 7,420,000 |
| NORTH DAKOTA 33 STARKE | 2,150 | 2,226 | 2,341 | | 3,094 | 3,463 | 4,134 | 10,978,000 | 12,740,000 | 15,933,000 |
| NORTH DAKOTA 34 SLOPE | 2,200 | 2,281 | 2,356 | | 2,014 | 2,505 | 3,268 | 7,146,000 | 9,217,000 | 12,598,000 |
| NORTH DAKOTA 35 BURLEIGH | 738 | 791 | 893 | | 707 | 843 | 1,104 | 2,508,000 | 3,103,000 | 4,256,000 |
| SOUTH DAKOTA 21 BROWN | 666 | 699 | 731 | | 744 | 906 | 1,172 | 2,638,000 | 3,334,000 | 4,516,000 |
| SOUTH DAKOTA 31 WALWORTH | 1,628 | 1,738 | 1,848 | | 1,797 | 2,167 | 2,504 | 6,376,000 | 7,974,000 | 9,651,000 |
| SOUTH DAKOTA 36 EDMUNDS | 2,216 | 2,276 | 2,316 | | 1,427 | 1,905 | 2,547 | 5,064,000 | 7,010,000 | 9,816,000 |
| SOUTH DAKOTA 37 HUGHES | 859 | 979 | 1,440 | | 604 | 884 | 1,655 | 2,142,000 | 3,251,000 | 6,378,000 |
| SOUTH DAKOTA 38 DEWEY | 2,112 | 2,294 | 2,405 | | 1,616 | 2,056 | 2,637 | 5,733,000 | 7,563,000 | 10,163,000 |
| SOUTH DAKOTA 40 PERKINS | 2,264 | 2,364 | 2,474 | | 2,396 | 2,898 | 3,720 | 8,502,000 | 10,664,000 | 14,338,000 |
| TOTAL | 24,199 | 25,639 | 27,439 | | 23,110 | 28,781 | 37,829 | 81,991,000 | 105,885,000 | 145,808,000 |

ANNUAL LOAD FACTOR - 40.5% 42.0% 44.0%
PROGRAM ANALYST: OFFICE OF THE ADMINISTRATOR, REA - MAY 1952

